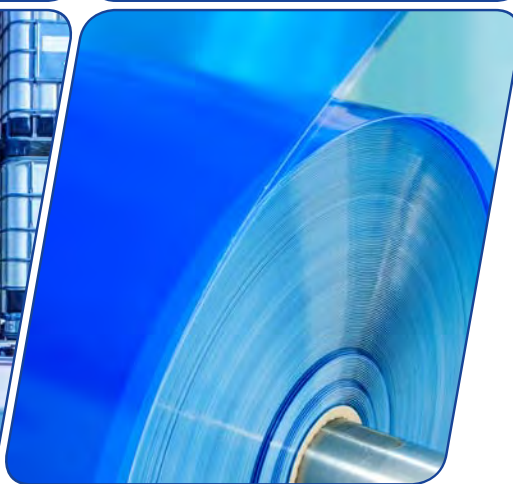
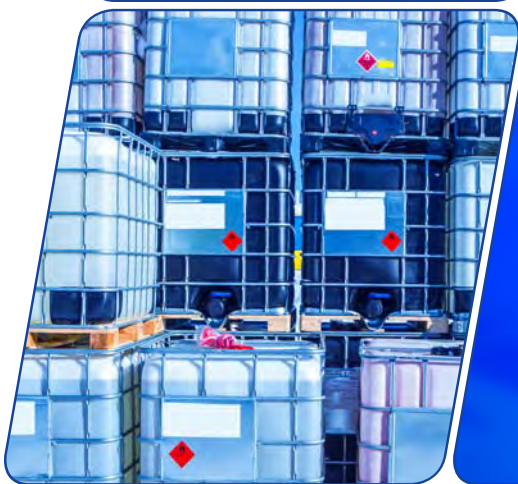


Market Study: Polyethylene - HDPE (5th ed.)



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This brochure provides further information on the study “Polyethylene - HDPE (5th ed.)”

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3 Company Profiles*

3.1 Western Europe

- Austria (1 Producer)
- France (1)

- Italy (1)
- Spain (1)
- The Netherlands (2)
- United Kingdom (1)

3.2 Eastern Europe

- Hungary (1)
- Poland (2)
- Romania (1)
- Russia (6)
- Serbia (1)
- Turkey (1)
- Ukraine (1)

3.3 North America

- Canada (1)
- Mexico (1)
- USA (4)

3.4 South America

- Brazil (1)
- Venezuela (1)

3.5 Asia-Pacific

- China (8)
- Hongkong (1)
- India (6)
- Indonesia (1)
- Japan (8)
- Malaysia (1)
- South Korea (7)
- Taiwan (2)
- Thailand (4)
- The Philippines (2)

3.6 Middle East

- Azerbaijan (1)
- Iran (1)
- Iraq (1)
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- Qatar (1)
- Saudi-Arabia (6)
- United Arab Emirates (1)
- Uzbekistan (2)

3.7 Africa

- Egypt (2)
- South Africa (2)

*Note: The profiles are assigned to the country in which the company or holding is headquartered. Profiles also include JVs and subsidiaries.

Market Study: “Polyethylene - HDPE (5th edition)”

29 Countries, 87 Producers, 520 Pages, 115 Graphs, 260 Tables, 10/2019

Summary

Chapter 1 provides a detailed description and analysis of the global market for High Density Polyethylene (HDPE) – including forecasts until 2026: the development of demand (tonnes), revenues (Dollar and Euro) as well as the development of production (tonnes) will be depicted for each region.

Furthermore, the application areas of HDPE will be examined:

- Packaging Films
- Bags & Sacks
- Heavy Duty and Industry Sacks
- Containers – Beverages & Others
- Containers – Industry & Transport
- Pipes
- Construction
- Transportation
- Industry / Electric & Electronics
- Other Applications

In **chapter 2**, 29 countries will be looked at individually: Belgium, Germany, France, United Kingdom, Italy, the Netherlands, Spain, Poland, Russia, Czechia, Turkey, Hungary, Canada, Mexico, USA, Argentina, Brazil, China, India, Indonesia, Japan, Malaysia, South Korea, Taiwan, Thailand, Iran, Saudi Arabia, Egypt, and South Africa. Depicted will be:

- Demand, revenues, trade, production and capacities
- Demand and revenues for the individual application areas
- Demand per technology (Injection moulding / Blow moulding / Extrusion of films and sheets / Extrusion of pipes and profiles / other technologies).

Chapter 3 provides useful company profiles of the most important HDPE producers, clearly arranged according to: contact information, turnover, profit, product range, production site, capacity, and profile summary. Extensive profiles of 87 producers are provided, e.g. Braskem, Chevron Phillips, CNPC, Sinopec, ExxonMobil, Formosa Plastics, Ineos, Lyondell-Basell, NPC, SABIC, Siam Cement, and Total.

2.5.1 China

2.5.1.1 Demand and Revenues

Demand for HDPE amounted to X million tonnes in 2018. According to our analyses, Chinas demand will increase, by X% per year to an average of X million tonnes until 2026. Revenues generated with HDPE amounted to approx. X billion US\$ in 2018. By 2026, the market volume is expected to increase to approx. X billion US\$.

in 1,000 tonnes	2010	2015	2016	2017	2018	2019p	2020p	2021p	2026p	2018-2026
Packaging Films	X	X	X	X	X	X	X	X	X	X% p.a.
Bags & Sacks	X	X	X	X	X	X	X	X	X	X% p.a.
Heavy Duty and Industry Sacks	X	X	X	X	X	X	X	X	X	X% p.a.
Containers – Beverages & Others	X	X	X	X	X	X	X	X	X	X% p.a.
Containers – Industry & Transport	X	X	X	X	X	X	X	X	X	X% p.a.
Pipes	X	X	X	X	X	X	X	X	X	X% p.a.
Construction	X	X	X	X	X	X	X	X	X	X% p.a.
Transportation	X	X	X	X	X	X	X	X	X	X% p.a.
Industry / Electric & Electronics	X	X	X	X	X	X	X	X	X	X% p.a.
Other Applications	X	X	X	X	X	X	X	X	X	X% p.a.
Total	X	X	X	X	X	X	X	X	X	X% p.a.

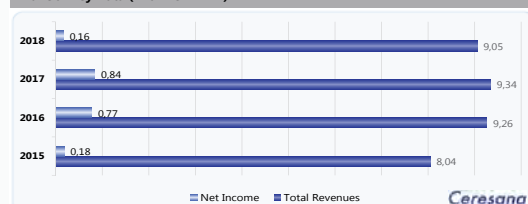
Table: Demand for HDPE in China from 2010 to 2026 – split by applications

Hanwha Chemical Corporation

Hanwha Building, 86 Chenggyecheon-ro, Jung-gu
Seoul, 100-797
South Korea

Tel.: +82 2 729 2700
Web: hcc.hanwha.co.kr

Financial Key Data (in trillion KRW)



General Information about the Company

Divisions, Product Range The company operates in the following business segments:
• Aerospace & Mechatronics...

Production Sites The company's production sites are located in:
• Asia-Pacific (19)...

Profile Summary Hanwha was founded in 1952 as Korea Explosives Company. After various acquisitions, Hanwha Group was established in 1992...

Specific Information about Polyethylene

Associated Companies Joint Ventures:
• Hanwha Total Petrochemical Co., Ltd....

Production Site – HDPE (current) Capacity (tonnes/year)
Daesan, South Korea (JV Hanwha Total) xxx
(xx% of xxx)

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